

CONFIDENTIAL.

COUNTRY **USSR**

REPORT

50X1-HUM

SUBJECT **Reported Specifications of Field Power Station AES-3 and
PES-15**

DATE DISTR. 17 Mar 1954

50X1-HUM

NO. OF PAGES 1

NO. OF ENCLS.

SUPP. TO
REPORT NO.

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES. WITHIN THE MEANING OF TITLE 18, SECTIONS 793 AND 794, OF THE U.S. CODE, AS AMENDED. ITS TRANSMISSION OR REVELATION OF ITS CONTENTS TO OR RECEIPT BY AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. THE REPRODUCTION OF THIS REPORT IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

50X1-HUM

1. "The field power stations of the type AES-3 (Armieskaya elektrostaniya - Army Electrical Station) manufactured and in use in the last few years [prior to 1954] have the following technical characteristics:

Alternating three-phase current
Tension - 230/133 Volts
Capacity - 15 kWt
Strength of current - 37.5 amperes
Personnel - 11 persons
Time required for assembling - 45-60 minutes
" " " dismantling - 90-120 minutes

The station is mounted on the chassis of two ZIS-5 automobiles.

2. "Another type of field power station is the PES-15, used by the engineering troops as a self-propelling power station. Its technical characteristics are:

Alternating three-phase current
Tension - 133-230 Volts
Capacity - 15 kilovoltamperes
Strength of current - 38 amperes
Personnel - seven persons
Assembling - 30-60 minutes
Disassembling - 90-120 minutes

The station is mounted on the chassis of a ZIS-5 vehicle and the frame of a one-axle trailer. The size of the ZIS-5 is: length - 3 m.; breadth 2.15 m.; the size of the trailer: length - 3.35 m., height - 2 m., breadth - 1.95 m. A four-cylinder gasoline motor M-1 of 50 HP and a synchronic generator of alternating three-phase current, type SG-15, are mounted on the frame of the one-axle trailer. The station has two searchlights of the type PZ-45, manufactured by the Moscow Searchlight Factory. The capacity of such a searchlight is 1000 Vts."

17. **Answer: A** The author's main purpose is to inform the reader about the importance of the study of the history of the United States. The author does this by providing a brief overview of the history of the United States and then discussing the importance of the study of the history of the United States.

U.S. Officials Only

50X1-HUM

CONFIDENTIAL

DISTRIBUTION	STATE	ARMY	NAVY	AIR	FBI				
--------------	-------	------	------	-----	-----	--	--	--	--

50X1-HUM

This report is for the use within the USA of the Intelligence components of the Department's or Agencies indicated above. It is not to be transmitted overseas without the concurrence of the originating office through the Assistant Director of the Office of Collection and Dissemination, CIA.